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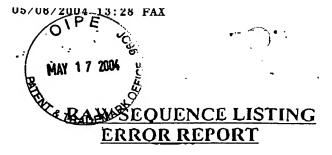
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221 Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Revised 10/0s/03

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10 791, 209	
ATTN: NEW RULES CAS	es: Please disregard english •alpi	HA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWAI	
YYJBOOGO Nuclei	CC. The number/town of the and a succession of	"wrapped" down to the next line. This may occur if your file treating it. Please adjust your right margin to .3; this will	RE
2Invalid Line Leng	gth The rules require that a line not exceed 7	'2 characters in length. This includes white spaces.	
3Misaligned Amin Numbering	The numbering under each 5th amino acid use space characters, instead.	is mispligned. Do not use tab codes between numbers;	
4Non-ASCII	The submitted file was not saved in ASC ensure your subsequent submission is s	II(DOS) text, as required by the Sequence Rules. Please aved in ASCII text.	
5Variable Length	residue having variable length and indicate	resenting more than one residue. Per Sequence Rules, le residue. Please present the maximum number of each e in the <220>-<223> section that some may be missing.	
6Patentin 2.0 "bug"	A "bug" in Patentin version 2.0 has caused sequences(s)  Normally, Pa	d the <220> <223> section to be missing from amino acid tenth would automatically generate this section from the Please manually copy the relevant <220> <223> section to sapplies to the mandatory <220> <223> sections for	
7Skipped Sequences (OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERIST	please insert the following lines for each skipped sequence. (insert SEQ ID NO where "X" is shown) 1CS: (Do not insert any subheadings under this heading) NO: X: (insert SEQ ID NO where "X" is shown)	
	Please also adjust the "(ii) NUMBER OF S	EQUENCES: response to include the skipped sequences.	
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentiona <210> sequence id number <400> sequence id number 000	I, please insert the following lines for each skipped sequence.	
9Use of n's or Xaa's (NEW RULES)		2233 is MANDATORY if n's or Xag's are present. realion of n or Xag, and which residue n or Xag represents.	
Response .	Per 1.823 of Sequence Rules, the only valid scientific name (Genus/species). <220>-<22 is Artificial Sequence	<213> responses are: Unknown, Artificial Sequence, or 23> section is required when <213> response is Unknown or	
	"Unknown." Please evoluin rouse - C	reature" and associated numeric identifiers and responses.  <213> "Organism" response is "Artificial Sequence" or or material in <220> to <223> section. No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
"bug"	rease do not use "Copy to Disk" function of	Patentin version 2.0. This causes a corrupted file, illers and responses (as indicated on raw sequence ir any other manual means to copy file to floppy disk.	
· 13 Misuse of n/Xaa	n can only represent a single nucleotide. "X	aa can only represent a single amino acid	
	AMC - Biotechnology Systems Bra	nch - 09/09/2003	

- homo sepiens IFWO RAW SEQUENCE LISTING DATE: 03/10/2004 PATENT APPLICATION: US/10/791,209 TIME: 16:44:32 Input Set : A:\SEQUENCE.ST25.txt Output Set: N:\CRF4\03102004\J791209.raw 3 <110> APPLICANT: Hahn, Soonkap 5 <120> TITLE OF INVENTION: DETECTION OF STRP, SUCH AS FRAGILE X SYNDROME 7 <130> FILE REFERENCE: 81671 -> 9 <140> CURRENT APPLICATION NUMBER: US/10/791,209 :--> 9 <141> CURRENT FILING DATE: 2004-03-01 . 9 <160> NUMBER OF SEQ ID NOS: 6 Does Not Comply 11 <170> SOFTWARE: PatentIn version 3.2 13 <210> SEQ ID NO: Corrected Diskette Needed -Invalidance, mandatory, (23.7 Response has to 14 <211> LENGTH: 21 15 <212> TYPE: DNA 16 <213 ORGANISM: primer 18 <400 SEQUENCE: I beeimen Trasert-this response in section (2237 Artificial 19 gtcaggcgct cagctccgtt t 22 <210> SEQ ID NO: 2 Unknown please see 33 <212> TYPE: DNA
34 <213> ORGANISM target sequence
36 <400> SEQUENCE:
37 cgccgccgcc gccgc
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41 <211> IF::--43 <213> ORGANISM: target sequence — INVALID RESPONSE 46 catcttctct tcagccctgc tagcgccggg agc 33 49 <210> SEQ ID NO: 5 50 <211> LENGTH: 33 52 <213> ORGANISM: Probe \_ Invalid Response
54 <400> SEQUENCE: Probe \_ Invalid Response -Invalid Response 55 gctcccggcg ctagcagggc tgaagagaag atg 33

e://C:\CRF4\Outhold\VsrJ791209.htm

64 cggcggcggc ggcggcggcg gcggcggcgg

58 <210> SEQ ID NO: 6 59 <211> LENGTH: 30 60 <212> TYPE: DNA 61 <213> ORGANISM: (pròbe 63 <400> SEQUENCE: 8

3/10/04

30

VERIFICATION SUMMARY

DATE: 03/10/2004 TIME: 16:44:33

PATENT APPLICATION: US/10/791,209

Input Set : A:\SEQUENCE.ST25.txt

Output Set: N:\CRF4\03102004\J791209.raw

:9 M:270 C: Current Application Number differs, Replaced Current Application No :9 M:271 C: Current Filing Date differs, Replaced Current Filing Date